

# S-1710 Liquid Release Agent™

TECHNICAL DATA SHEET

## DESCRIPTION

Super-Krete® Liquid Release Agent™ is a product formulated for use with any of Super-Krete's textured overlay stamp systems and can also be used on concrete as a separating agent in conjunction with texturing mats (available in various patterns and textures). Liquid Release Agent prevents mats from sticking to Super-Krete Stamp Overlay materials by forming a lubricating barrier between the mat and the surface. Liquid Release Agent also provides protection to the texturing mats and increases their life span by decreasing the friction caused during the stamping process. Liquid Release Agent has a bubble gum odor for comfort when using.

## USES

*For use anywhere a decorative concrete stamped or texturing tool is used!*

## ADVANTAGES

Ease of Application  
Easy Clean-Up  
Non-Hazardous  
Can Be Used on Concrete and Super-Krete Overlays  
Great Alternative to Powder Releases  
Increases Lifespan of Stamping Tools

## CSI RELATED SECTIONS

03 05 00 - Concrete Finishing  
32 01 26.74 - Concrete Overlays  
32 13 16 - Decorative Concrete Paving  
03 35 33 - Stamped Concrete



## APPLICATION

Liquid Release Agent is applied using a hand-held spray apparatus, such as a 2 qt, or 3 gal. pump-type sprayer.

Liberal apply a mist of Liquid Release Agent onto Super-Krete stampable material or wet concrete to be textured on areas where the texturing mats will be placed. Do not apply over an area of more than 10 sf or 15 sf at a time as the product may evaporate before the mats are placed over it. Also spray the texturing mats for enhanced lubrication prior to stamping the material. Be sure to properly identify sprayers to avoid confusing Liquid Release Agent containers with water containers. This product can act as a bond breaker if applied to uncoated areas.

To maintain the integrity of the concrete and/or the Super-Krete stamped material, do not trowel Liquid Release Agent into the product or in any way mix into the surface. To make corrections on the still pliable concrete surface, use the texturing mat and press out the unwanted impression. Allow stamped surface to thoroughly dry for 24 hours before detailing.

Thoroughly rinse Liquid Release Agent from the substrate using Super-Krete S-200 Super-Scrub™ (refer to Technical Data Sheet S-200). Wash texture mats and stamps using Super-Scrub non-lotion cleaning agent and thoroughly rinse with clean water.

**NOTE:** Liquid Release Agent is formulated for use on most texturing mats, however a test prior to actual use is always recommended to ensure compatibility.

## GENERAL INFORMATION

For more information on 1/8" and 1/4" Stamped and Textured Concrete Overlays, refer to Super-Krete Specification No.'s S-1701 1/4" Stamp-Kote Overlay and S-1801 1/8" Stamp Overlay System.

**Super-Krete Products is a Division of Arizona Polymer Flooring, Inc.**

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<b>Form</b>	Liquid	<b>Coverage Rate</b>	300 sf / 1 gallon <i>*Coverage rates will vary, this is an approximation only. Actual coverage will vary due to substrate conditions, surface porosity and ambient conditions.</i>
<b>Odor</b>	Bubble Gum	<b>Shelf Life</b>	2 years when properly stored. <i>* Unused portions of Liquid Release Agent will remain usable when stored in a tightly-sealed container. Tighten securely to avoid evaporation.</i>
<b>Color</b>	Translucent Clear	<b>Storage</b>	Store in a cool, dry place. Keep from moisture and freezing.
<b>pH</b>	11.5	<b>Packaging</b>	1 gallon bottles / 4 per case 5 gallon pail / 36 per pallet 55 gallon drums / 4 per pallet
<b>Percent Volatiles by Volume</b>	97.7%	<b>CAUTION</b>	Keep away from children. Do not take internally. Always use safety gloves, appropriate eye protection, and appropriate OSHA/NIOSH approved respirator in areas with poor ventilation and when exposed to spray mist both indoors and outdoors. If ingested, seek medical attention immediately.
<b>V.O.C. Content</b>	758 g/l		
<b>Weight</b>	6.52 lbs. per gallon		
<b>Flash Point</b>	105°F, TCC		
<b>Specific Gravity</b>	1.05		
<b>Tools Required</b>	Hudson®- type pump sprayer S-200 Super-Scrub™		

## LIMITATIONS:

Super-Krete Products are to be applied only when surface temperatures are above 55°F and rising and not to exceed 100°F. Super-Krete Products are not to be applied when precipitation is expected within 24 hours following completion of application. Do not allow materials to freeze. Each Super-Krete product acts as an inherent part of a proven system. Super-Krete Products are professional, contractor grade products. Training in the use of these products is available. Consult a Super-Krete representative for information and assistance locating approved contractors in your area or for training class dates.

## MOISTURE VAPOR EMISSIONS PRECAUTIONS:

All concrete floors not poured over an effective moisture vapor retarder are subject to possible moisture vapor transmission that may lead to blistering and failure of the coating system. It is the coating applicator's responsibility to conduct calcium chloride testing in compliance with ASTM F1869 and relative humidity probe testing to determine if excessive levels of vapor emissions are present before applying any coatings. Arizona Polymer Flooring offers **Super-Krete® Pene-Krete®** for cementitious overlay products and **VaporSolve® Moisture Remediation** systems for resinous floor coatings. Consult our technical service department. Arizona Polymer Flooring and its sales agents will not be responsible for coating failures due to undetected moisture vapor emissions.

## WARRANTY:

Arizona Polymer Flooring guarantees that this product is free from manufacturing defects and complies with our published specifications. In the event that the buyer proves that the goods received do not conform to these specifications or were defectively manufactured, the buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price or replacement of the defective material at the option of the seller. ARIZONA POLYMER FLOORING MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, AND ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. Arizona Polymer Flooring shall not be liable for damages caused by application of its products over concrete with excessive moisture vapor transmission or alkalinity. Arizona Polymer Flooring shall not be liable for any injury incurred in a slip and fall accident. Manufacturer or seller shall not be liable for prospective profits or consequential damages resulting from the use of this product.

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